

9-10-3 #3 DAC

**Petition For Revival Of An Application For Patent Abandoned
Unintentionally Under 37 CFR 1.137(b) (Small Entity)**

Docket No.
UC00-354-2

In Re Application Of: JOSE JOAQUIN GARCIA-LUNA-ACEVES; SRINIVAS VUTUKURY

Serial No.
10/023,448

Filing Date
OCTOBER 29, 2001

Examiner

Group Art Unit

Invention: LOOP-FREE MULTIPATH ROUTING METHOD USING DISTANCE VECTORS



ASSISTANT COMMISSIONER FOR PATENTS

Attention: Office of Petitions

Box DAC

Washington, D.C. 20231

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (703) 305-9282.

The above-identified application became abandoned for failure to file a timely and proper response to a notice or action by the Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus any extension of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee--required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. ☒ A proposed reply to the above-identified Office Action:

☒ is enclosed. ☐ was filed on _____

The proposed reply is in the form of: Response to Notice to File Missing Parts

2. ☐ The issue fee:

☐ is enclosed. ☐ was paid on _____

3. ☐ A small entity declaration:

☐ is enclosed. ☐ was filed on _____

4. ☒ The abandoned application was a:

☐ design application. ☒ utility application. ☐ plant application.

5. ☐ A terminal disclaimer (and fee) disclaiming a period equivalent to the period of abandonment is enclosed.

6. ☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.

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FEB 1 2 2003

OFFICE OF PETITIONS

02/11/2003 TTRAM1 00000002 10023448

01 FC 2453 650.00 00

**Petition For Revival Of An Application For Patent Abandoned
Unintentionally Under 37 CFR 1.137(b) (Small Entity)**

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10/023,448

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OCTOBER 29, 2001

Examiner

Group Art Unit

Invention: **ELCOP-FREE MULTIPATH ROUTING METHOD USING DISTANCE VECTORS**



Calculation and Payment of Fees

Enclosed are the following fees:

7. ☒ Petition fee under 37 CFR 1.17(m) in the amount of: \$650.00
8. ☐ Fee for amendment in the amount of: _____
9. ☐ Fee for extension of time to reply to Office Action in the amount of: _____
10. ☐ Issue fee in the amount of: _____
11. ☐ Continuing application filing fee in the amount of: _____
12. ☐ Terminal disclaimer fee in the amount of: _____
13. ☒ Filing Fees with Surcharge for small entity \$776.00

Total fees enclosed: \$1,426.00

The fee of **\$1,426** is to be paid as follows:

- ☒ A check in the amount of the fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **07-1137**
- A duplicate copy of this sheet is enclosed.

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OFFICE OF PETITIONS

**Petition For Revival Of An Application For Patent Abandoned
Unintentionally Under 37 CFR 1.137(b) (Small Entity)**

Docket No.
UC00-354-2

In Re Application Of: JOSE JOAQUIN GARCIA-LUNA-ACEVES; SRINIVAS VUTUKURY

Serial No.
10/023,448

Filing Date
OCTOBER 29, 2001

Examiner

Group Art Unit

Invention: LOOP-FREE MULTIPATH ROUTING METHOD USING DISTANCE VECTORS

Statement

The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional.

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OFFICE OF PETITIONS

Signature

JOHN P. O'BANION, REG. NO. 33,201
O'BANION & RITCHEY LLP
400 CAPITOL MALL, SUITE 1550
SACRAMENTO, CA 95814
(916) 498-1010

Dated: 2/5/2003

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

CC:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): JOSE JOAQUIN GARCIA-LUNA-ACEVES ET AL.

Docket No.

UC00-354-2

Serial No.

10/023,448

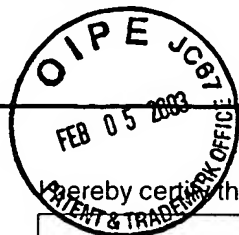
Filing Date

OCTOBER 29, 2001

Examiner

Group Art Unit

Invention: LOOP-FREE MULTIPATH ROUTING METHOD USING DISTANCE VECTORS



I hereby certify that the following correspondence:

Petition for Revival of an Application for Patent Abandoned Unintentionally Under 37 CFR 1.137(b) (Page 1 thru 3)

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

02/05/02

(Date)

Jerry V. King

(Typed or Printed Name of Person Mailing Correspondence)


(Signature of Person Mailing Correspondence)EV193318295US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.

RECEIVED

FEB 12 2003

OFFICE OF PETITIONS



REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference
(if desired) (12 characters maximum) UC00-354-2P

Box No. I TITLE OF INVENTION
LOOP-FREE MULTIPATH ROUTING ALGORITHM USING DISTANCE VECTORS

Box No. II APPLICANT ☐ This person is also inventor

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Office of the President
1111 Franklin Street, 12th Floor
Oakland, CA 94607-5200
United States of America

Telephone No.

Facsimile No.

Teleprinter No.

Applicant's registration No. with the Office

State (that is, country) of nationality:
US

State (that is, country) of residence:
US

This person is applicant for the purposes of: ☒ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

GARCIA-LUNA-ACEVES, Jose Joaquin
82 Lakewood Circle
San Mateo, CA 94402
United States of America

This person is:

☐ applicant only

☐ applicant and inventor

☒ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

☒ Further applicants and/or (further) inventors are indicated on a continuation sheet.

Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

☒ agent ☐ common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

O'BANION, John P.
O'BANION & RITCHEY LLP
400 Capitol Mall, Suite 1550
Sacramento, CA 95814
United States of America

Telephone No.
(916) 498-1010

Facsimile No.
(916) 498-1074

Teleprinter No.

Agent's registration No. with the Office
33,201

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Continuation of Box No. III FURTHER APPLICANTS AND/OR (FURTHER) INVENTOR(S)*If none of the following sub-boxes is used, this sheet should not to be included in the request.*

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

VUTUKURY, Srinivas
1271 Vicente Drive, #184
Sunnyvale, CA 94086
United States of America

This person is:

- ☐ applicant only
☐ applicant and inventor
☒ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only
☐ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only
☐ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only
☐ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on another continuation sheet.

Box No. V. DESIGNATION OF STATES

Mark the applicable check-boxes below; at least one must be marked.

The following designations are hereby made under Rule 4.9(a):

Regional Patent

- ☒ **AP ARIPO Patent:** GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT
- ☒ **EA Eurasian Patent:** AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian
- ☒ **EP European Patent:** AT Austria, BE Belgium, CH & LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- ☒ **OA OAPI Patent:** BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)

National Patent (if other kind of protection or treatment desired, specify on dotted line):

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> AE United Arab Emirates | <input checked="" type="checkbox"/> GH Ghana | <input checked="" type="checkbox"/> MX Mexico |
| <input checked="" type="checkbox"/> AG Antigua and Barbuda | <input checked="" type="checkbox"/> GM Gambia | <input checked="" type="checkbox"/> MZ Mozambique |
| <input checked="" type="checkbox"/> AL Albania | <input checked="" type="checkbox"/> HR Croatia | <input checked="" type="checkbox"/> NO Norway |
| <input checked="" type="checkbox"/> AM Armenia | <input checked="" type="checkbox"/> HU Hungary | <input checked="" type="checkbox"/> NZ New Zealand |
| <input checked="" type="checkbox"/> AT Austria | <input checked="" type="checkbox"/> ID Indonesia | <input checked="" type="checkbox"/> PL Poland |
| <input checked="" type="checkbox"/> AU Australia | <input checked="" type="checkbox"/> IL Israel | <input checked="" type="checkbox"/> PT Portugal |
| <input checked="" type="checkbox"/> AZ Azerbaijan | <input checked="" type="checkbox"/> IN India | <input checked="" type="checkbox"/> RO Romania |
| <input checked="" type="checkbox"/> BA Bosnia and Herzegovina | <input checked="" type="checkbox"/> IS Iceland | <input checked="" type="checkbox"/> RU Russian Federation |
| <input checked="" type="checkbox"/> BB Barbados | <input checked="" type="checkbox"/> JP Japan | |
| <input checked="" type="checkbox"/> BG Bulgaria | <input checked="" type="checkbox"/> KE Kenya | <input checked="" type="checkbox"/> SD Sudan |
| <input checked="" type="checkbox"/> BR Brazil | <input checked="" type="checkbox"/> KG Kyrgyzstan | <input checked="" type="checkbox"/> SE Sweden |
| <input checked="" type="checkbox"/> BY Belarus | <input checked="" type="checkbox"/> KP Democratic People's Republic of Korea | <input checked="" type="checkbox"/> SG Singapore |
| <input checked="" type="checkbox"/> BZ Belize | <input checked="" type="checkbox"/> KR Republic of Korea | <input checked="" type="checkbox"/> SI Slovenia |
| <input checked="" type="checkbox"/> CA Canada | <input checked="" type="checkbox"/> KZ Kazakhstan | <input checked="" type="checkbox"/> SK Slovakia |
| <input checked="" type="checkbox"/> CH & LI Switzerland and Liechtenstein | <input checked="" type="checkbox"/> LC Saint Lucia | <input checked="" type="checkbox"/> SL Sierra Leone |
| <input checked="" type="checkbox"/> CN China | <input checked="" type="checkbox"/> LK Sri Lanka | <input checked="" type="checkbox"/> TJ Tajikistan |
| <input checked="" type="checkbox"/> CO Colombia | <input checked="" type="checkbox"/> LR Liberia | <input checked="" type="checkbox"/> TM Turkmenistan |
| <input checked="" type="checkbox"/> CR Costa Rica | <input checked="" type="checkbox"/> LS Lesotho | <input checked="" type="checkbox"/> TR Turkey |
| <input checked="" type="checkbox"/> CU Cuba | <input checked="" type="checkbox"/> LT Lithuania | <input checked="" type="checkbox"/> TT Trinidad and Tobago |
| <input checked="" type="checkbox"/> CZ Czech Republic | <input checked="" type="checkbox"/> LU Luxembourg | <input checked="" type="checkbox"/> TZ United Republic of Tanzania |
| <input checked="" type="checkbox"/> DE Germany | <input checked="" type="checkbox"/> LV Latvia | <input checked="" type="checkbox"/> UA Ukraine |
| <input checked="" type="checkbox"/> DK Denmark | <input checked="" type="checkbox"/> MA Morocco | <input checked="" type="checkbox"/> UG Uganda |
| <input checked="" type="checkbox"/> DM Dominica | <input checked="" type="checkbox"/> MD Republic of Moldova | <input type="checkbox"/> US United States of America |
| <input checked="" type="checkbox"/> DZ Algeria | | |
| <input checked="" type="checkbox"/> EC Ecuador | <input checked="" type="checkbox"/> MG Madagascar | <input checked="" type="checkbox"/> UZ Uzbekistan |
| <input checked="" type="checkbox"/> EE Estonia | <input checked="" type="checkbox"/> MK The former Yugoslav Republic of Macedonia | <input checked="" type="checkbox"/> VN Viet Nam |
| <input checked="" type="checkbox"/> ES Spain | <input checked="" type="checkbox"/> MN Mongolia | <input checked="" type="checkbox"/> YU Yugoslavia |
| <input checked="" type="checkbox"/> FI Finland | <input checked="" type="checkbox"/> MW Malawi | <input checked="" type="checkbox"/> ZA South Africa |
| <input checked="" type="checkbox"/> GB United Kingdom | | <input checked="" type="checkbox"/> ZW Zimbabwe |
| <input checked="" type="checkbox"/> GD Grenada | | |
| <input checked="" type="checkbox"/> GE Georgia | | |

Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:

- | | | |
|--------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Box No. VI PRIORITY CLAIM

The priority of the following earlier application(s) is hereby claimed:

| Filing date of earlier application (day/month/year) | Number of earlier application | Where earlier application is: | | |
|---|----------------------------------|----------------------------------|---|--|
| | | national application: country | regional application:* regional Office | international application: receiving Office |
| item (1) 30 October 2000 (30.10.00) | 60/244,622 | US | | |
| item (2) | | | | |
| item (3) | | | | |
| item (4) | | | | |
| item (5) | | | | |

☐ Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

☒ all items ☐ item (1) ☐ item (2) ☐ item (3) ☐ item (4) ☐ item (5) ☐ other, see Supplemental Box

* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):

Box No. VII INTERNATIONAL SEARCHING AUTHORITY

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA/ .EP.....

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)

Number

Country (or regional Office)

Box No. VIII DECLARATIONS

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of
declarations

- | | | |
|---|--|---|
| <input type="checkbox"/> Box No. VIII (i) | Declaration as to the identity of the inventor | : |
| <input type="checkbox"/> Box No. VIII (ii) | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | : |
| <input type="checkbox"/> Box No. VIII (iii) | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | : |
| <input type="checkbox"/> Box No. VIII (iv) | Declaration of inventorship (only for the purposes of the designation of the United States of America) | : |
| <input type="checkbox"/> Box No. VIII (v) | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | : |

Box No. IX CHECK LIST; LANGUAGE OF FILING

This international application contains:

(a) the following number of sheets in paper form:

request (including declaration sheets) : 5
 description (excluding sequence listing part) : 22
 claims : 9
 abstract : 1
 drawings : 4
 Sub-total number of sheets : 41

sequence listing part of description (*actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (b) below*) : _____

Total number of sheets : 41

(b) sequence listing part of description filed in computer readable form

(i) ☐ only (under Section 801 (a)(i))(ii) ☐ in addition to being filed in paper form (under Section 801 (a)(ii))

Type and number of carriers (diskette, CD-ROM, CD-R or other) on which the sequence listing part is contained (*additional copies to be indicated under item 9(ii); in right column*): _____

This international application is accompanied by the following item(s) (*mark the applicable check-boxes below and indicate in right column the number of each item*):

Number of items

1. ☒ fee calculation sheet
2. ☐ original separate power of attorney
3. ☐ original general power of attorney
4. ☒ copy of general power of attorney; reference number, if any: _____
5. ☐ statement explaining lack of signature
6. ☐ priority document(s) identified in Box No. VI as item(s): _____
7. ☐ translation of international application into (language): _____
8. ☐ separate indications concerning deposited microorganism or other biological material
9. ☐ sequence listing in computer readable form (indicate also type and number of carriers (diskette, CD-ROM, CD-R or other))
 - (i) ☐ copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)
 - (ii) ☐ (*only where check-box (b)(i) or (b)(ii) is marked in left column*) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter
 - (iii) ☐ together with relevant statement as to the identity of the copy or copies with the sequence listing part mentioned in left column
10. ☒ other (*specify*): Transmittal Letter

Figure of the drawings which should accompany the abstract:

1

Language of filing of the international application:

English

Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).



Dated: 29 October 2001

O'BANION, John P.
 Attorney and Agent for the Applicant

For receiving Office use only

| | |
|---|--|
| 1. Date of actual receipt of the purported international application: | 2. Drawings: <input type="checkbox"/> received: <input type="checkbox"/> not received: |
| 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: | |
| 4. Date of timely receipt of the required corrections under PCT Article 11(2): | |
| 5. International Searching Authority (if two or more are competent): ISA/ | 6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid |

For International Bureau use only

Date of receipt of the record copy
 by the International Bureau:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): JOSE JOAQUIN GARCIA-LUNA-ACEVES ET AL.

Docket No.

UC00-354-2P

Serial No.

Filing Date

Examiner

Group Art Unit

Invention: **LOOP-FREE MULTIPATH ROUTING ALGORITHM USING DISTANCE VECTORS**

I hereby certify that the following correspondence:

REQUEST (Page 1 thru 5)

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

29 October 2001*(Date)*John P. O'Banion*(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)*EL645676849US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

PCT

FEE CALCULATION SHEET

Annex to the Request

For receiving Office use only

International Application No.

Applicant's or agent's
file reference

UC00-354-2P

Date stamp of the receiving Office

Applicant

LOOP-FREE MULTIPATH ROUTING ALGORITHM USING DISTANCE VECTORS

CALCULATION OF PRESCRIBED FEES

1. TRANSMITTAL FEE 240.00 T

2. SEARCH FEE 846.00 S

International search to be carried out by EP

(If two or more International Searching Authorities are competent to carry out the international search, indicate the name of the Authority which is chosen to carry out the international search.)

3. INTERNATIONAL FEE

Basic Fee

Where item (b) of Box No. IX applies, enter Sub-total number of sheets } 41
Where item (b) of Box No. IX does not apply, enter Total number of sheets }

b1 first 30 sheets 382.00 b1

b2 11 x 9.00 = 99.00 b2
number of sheets fee per sheet

b3 additional component (only if sequence listing part of description
is filed in computer readable form under Section 801(a)(i), or both
in that form and on paper, under Section 801(a)(ii)):
400 x = b3
fee per sheet

Add amounts entered at b1, b2 and b3 and enter total at B 481.00 B

Designation Fees

The international application contains 6 designations.
6 x 82.00 = 492.00 D
number of designation fees amount of designation fee
payable (maximum 6)

Add amounts entered at B and D and enter total at I 973.00 I

(Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the

4. FEE FOR PRIORITY DOCUMENT (if applicable) 15.00 P

5. TOTAL FEES PAYABLE 2,074.00

Add amounts entered at T, S, I and P, and enter total in the TOTAL box

TOTAL

☐ The designation fees are not paid at this time.

MODE OF PAYMENT

☐ authorization to charge ☐ postal money order ☐ cash ☐ coupons
☒ cheque ☐ bank draft ☐ revenue stamps ☐ other (specify):

AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT

(This mode of payment may not be available at all receiving Offices)

☐ Authorization to charge the total fees indicated above.

☒ (This check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.

☐ Authorization to charge the fee for priority document.

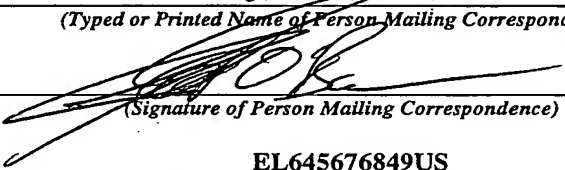
Receiving Office: RO/ US

Deposit Account No.: 07-1137

Date: 29 October 2001

Name: John P. O'Banion

Signature:

| | | | |
|--|-------------|----------|---------------------------|
| CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): JOSE JOAQUIN GARCIA-LUNA-ACEVES ET AL. | | | Docket No. UC00-354-2P |
| Serial No. | Filing Date | Examiner | Group Art Unit |
| Invention: LOOP-FREE MULTIPATH ROUTING ALGORITHM USING DISTANCE VECTORS | | | |
| <p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 5px; min-height: 40px;">FEE CALCULATION SHEET (Page 1)</div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p style="text-align: center;"><u>29 October 2001</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p><u>John P. O'Banion</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EL645676849US</u> <i>("Express Mail" Mailing Label Number)</i></p></div> | | | |
| Note: Each paper must have its own certificate of mailing. | | | |

ATTESTATION

The undersigned hereby deposes and attests:

that Linda S. Stevenson is duly authorized by The Regents of the University of California to execute documents related to the filing and prosecution of United States and Foreign Utility and Design Patent Applications, and related forms of protection of industrial property worldwide, including but not limited to powers of attorney, various declarations, terminal disclaimers, certification 37, assignments - U.S. and Foreign, licenses to Federal government agencies, Chapter I and II Demands and all related PCT documents, as well as technical questionnaires, and small entity status declarations;

that the legal capacity of said person is legitimate and in accordance with the instruments and documents presented to me which constitute direct and positive evidence of the legal capacity above mentioned; that I carefully examined these instruments and that formal requirements provided therein have been fulfilled so as to prove the legal capacity of said person. The documents and records examined and which constitute direct and positive evidence of the legal capacity of said person is as follows:

Standing Order 100.4 as adopted by The Regents of the University of California at a duly called meeting on January 21, 1983, in the city of San Francisco, County of San Francisco, State of California, which delegates authority to the President of the University for administration of intellectual property, and

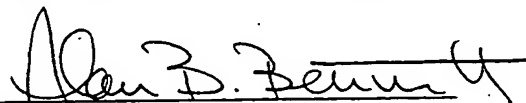
Redelegation of authority by the President to the Senior Vice President-Business and Finance on July 29, 1993, and

Redelegation of authority by the Senior Vice President-Business and Finance to the Executive Director, Office of Technology Transfer on August 1, 1994, and

Redelegation of authority by the Executive Director, Office of Technology Transfer to Linda S. Stevenson, Manager, Patent Prosecution, Office of Technology Transfer on December 21, 1993 and reaffirmed by the Executive Director on August 1, 1994.

The undersigned further attests that The Regents of the University of California is a corporation duly organized and legally existing under the constitution of the State of California, United States of America and that the purpose or purposes for which the present document is granted are comprised within the objects set forth in the charter of this corporation.

THE REGENTS OF THE
UNIVERSITY OF CALIFORNIA



Alan B. Bennett
Executive Director
Research Administration and
Technology Transfer

3/15/00
Date

PCT

GENERAL POWER OF ATTORNEY

(for several international applications filed under the Patent Cooperation Treaty)

(PCT Rule 90.5)

The undersigned person(s):

(Family name followed by given name; for a full legal entity, full official designation. The address must include postal code and name of country.)

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
1111 Franklin Street, 12th Floor
Oakland, CA 94607-5200.
United States of America

hereby appoint(s) the following person as:

☒ agent

☐ common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

O'BANION, John P.
O'BANION & RITCHEY LLP
400 Capitol Mall, Suite 1550
Sacramento, CA 95814
United States of America

to represent the undersigned before

☒ all the competent International Authorities

☐ the International Searching Authority only

☐ the International Preliminary Examining Authority only

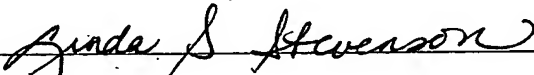
in connection with any and all international applications filed by the undersigned with the following Office

RO/US

as receiving Office

and to make or receive payments on behalf of the undersigned.

Signature(s) (where there are several persons, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading this power):



Stevenson, Linda S.
Manager, Patent Prosecution
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
1111 Franklin Street, 5th Floor 12TH FLOOR
Oakland, CA 94607-5200
United States of America

Date:

April 19, 2001

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): JOSE JOAQUIN GARCIA-LUNA-ACEVES ET AL.

Docket No.

UC00-354-2P

Serial No.

Filing Date

Examiner

Group Art Unit

Invention: LOOP-FREE MULTIPATH ROUTING ALGORITHM USING DISTANCE VECTORS

I hereby certify that the following correspondence:

Copy of General Power of Attorney with Attestation (Page 1 & 2)

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

29 October 2001*(Date)*John P. O'Banion*(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)*EL645676849US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

TRANSMITTAL LETTER TO THE UNITED STATES RECEIVING OFFICE

PTO-1382 (Rev. 4-1995) (Modified)

PCTUS2.FRP /REV03

| | |
|-------------------------------|-----------------|
| Date | 29 October 2001 |
| International Application No. | |
| Attorney Docket No. | UC00-354-2P |

I. Certification under 37 CFR 1.10 (if applicable)

| |
|-----------------------------|
| EL645676849US |
| Express Mail mailing number |

| |
|-----------------|
| 29 October 2001 |
| Date of Deposit |

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

| |
|---|
|  |
| Signature of person mailing correspondence |

| |
|--|
| John P. O'Banion |
| Typed or printed name of person mailing correspondence |

II. ☒ New International Application

| | |
|-------|--|
| TITLE | LOOP-FREE MULTIPATH ROUTING ALGORITHM USING DISTANCE VECTORS |
|-------|--|

| |
|--|
| Earliest priority date (Day/Month/Year) |
| 30 October 2000 |

SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A. ☐ The invention disclosed was not made in the United States.
- B. ☐ There is no prior U.S. application relating to this invention.
- C. ☒ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority).

| | | | |
|-----------------|------------|----------|-----------------|
| application no. | 60/244,622 | filed on | 30 October 2000 |
| application no. | | filed on | |

- D. ☒ The present international application ☒ is identical ☐ contains less subject matter than that found in the prior U.S. application(s) identified in paragraph C.
- E. ☐ The present international application ☐ contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages and ☐ DOES NOT ALTER ☐ MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15

III. ☐ A Response to an Invitation from the RO/US. The following document(s) is (are) enclosed:

- A. ☐ A Request for An Extension of Time to File a Response
- B. ☐ A Power of Attorney (General or Regular)
- C. ☐ Replacement pages:

| | | | | | |
|-------|--|-----------------------------|-------|--|-----------------|
| pages | | of the request (PCT/RO/101) | pages | | of the figures |
| pages | | of the description | pages | | of the abstract |
| pages | | of the claims | | | |

- D. ☐ Submission of Priority Documents


| | | | |
|-------------------|--|-------------------|--|
| Priority document | | Priority document | |
|-------------------|--|-------------------|--|

- E. ☐ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

IV. ☐ A Request for Rectification under PCT 91 ☐ A Petition ☐ A Sequence Listing Diskette

V. ☐ Other (please specify):

The person signing this form is the:

| | |
|---|--|
| <input type="checkbox"/> Applicant | John P. O'Banion |
| <input checked="" type="checkbox"/> Attorney/Agent (Reg. No.) 33,201 | Typed name of signer |
| <input type="checkbox"/> Common Representative |  |
| | Signature |

U.S. Department of Commerce: Patent and Trademark Office

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